

Laucks ⁸² YEARS

Testing Laboratories, Inc.

940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063

Certificate

Chemistry, Microbiology and Technical Services

CLIENT: Alaskan Copper Works
P. O. Box 3546
Seattle, WA 98124

ATTN : Dale

Work ID : EP Toxic Test
Taken By : Client
Transported by: Hand Delivered
Type : Material

Certificate of Analysis

Work Order# : 90-03-458
DATE RECEIVED : 03/26/90
DATE OF REPORT: 04/16/90
CLIENT JOB ID : M14210

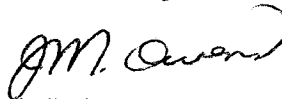
SAMPLE IDENTIFICATION:

	<u>Sample</u> <u>Description</u>	<u>Collection</u> <u>Date</u>
01	C-80 3223 M14210	03/21/90

The flag "U" indicates the analyte of interest was not detected, to the limit of detection shown.

Unless otherwise instructed all samples will be discarded on 05/20/90

Respectfully submitted,
Laucks Testing Laboratories, Inc.


J. M. Owens



This report is submitted for the exclusive use of the person, partnership, or corporation to whom it is addressed. Subsequent use of the name of this company or any member of its staff in connection with the advertising or sale of any product or process will be granted only on contract. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.

AKC-0014509

Laucks⁸²_{years}

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Certificate

Chemistry, Microbiology, and Technical Services

REPORT ON SAMPLE: 9003458-01A
Client Sample ID: C-80 3223 M14210

Date Received : 03/26/90
Test Code : EPTX_M

Collection Date : 03/21/90
Test Methods : ICP/CVAA

Analyzed for EP Toxicity in accordance with Test Methods for Evaluating Solid Waste (SW 846), U.S.E.P.A., November, 1986. Extraction was performed following Method 1310. Metals were determined using either the EPA's 7000 series or EPA Method 6010 or a combination of both.

<u>mg/L</u>					
Analyte	Result	MCL*	SDL	Analysis Date	
Silver.....	0.10 U	5.0	0.1	04/04/90	
Barium.....	0.10 U	100.	0.1	04/04/90	
Cadmium.....	0.01 U	1.0	0.01	04/04/90	
Lead.....	11	5.0	0.1	04/04/90	
Chromium.....	0.10 U	5.0	0.1	04/04/90	
Selenium.....	0.20 U	1.0	0.2	04/06/90	
Arsenic.....	0.20 U	5.0	0.2	04/06/90	
Mercury.....	0.01 U	0.2	0.005	04/05/90	
Copper.....	1.4	100.	0.1	04/04/90	
Nickel.....	0.10 U	N/A	0.1	04/04/90	
Zinc.....	2.1	500.	0.1	04/04/90	

* Maximum Contamination Level, as established by regulation.

SDL = Sample Detection Limit



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AKC-0014510